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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/735,240	12/11/2000	Anders Heie	NC 29257	4755
7590 09/02/2004				
Milan Patel Patent Department 6000 Connection Drive Irving, TX 75039			EXAMINER JAMAL, ALEXANDER	
			ART UNIT 2643	PAPER NUMBER

DATE MAILED: 09/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/735,240

Applicant(s)

HEIE ET AL.

Examiner

Alexander Jamal

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 June 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 1-30** rejected under 35 U.S.C. 102(e) as being anticipated by Chmaytelli et al. (6418311).

As per **claim 1**, Chmaytelli discloses a method of modifying phone numbers stored in an electronic phonebook of an electronic device (ABSTRACT) comprising receiving (step 410) a change information (X1 in Fig. 4) with a change prefix (619 in the example) and a change criterion (651 in the example). The method further comprises receiving a modification information (X2 in Fig. 4) comprising '1 858' in the example. The phonebook is searched to find all affected numbers using the change information (Steps 430,435,440 in Fig. 4) and at least a portion of each identified phone number is modified with the modification information (located in X2).

As per **claim 16**, Chmaytelli discloses an electronic device (ABSTRACT) comprising a phonebook that inherently comprises a memory for the purpose of storing the numbers in the phonebook. It further comprises a processor (Col 4 line 59 to Col 5

line 15) that receives (Fig. 4) a change information (X1 in Fig. 4) comprising a change prefix (619 in the example) and a change criterion (651 in the example), and a modification information (X2 in Fig. 4) comprising '1 858' in the example. The phonebook is searched to find all affected numbers using the change information (Steps 430,435,440 in Fig. 4) and at least a portion of each identified phone number is modified with the modification information (located in X2).

As per **claim 2**, the change information may be received from a user (Fig. 3, Col 3 lines 20-45)

As per **claims 3,4**, the phone number change information table (comprised of the 'update command in steps 410,420 in Fig. 4) is executed on a series of all affected phone numbers (4). As such, the phone number change table is inherently stored in a database internal to the device for the purpose of storing the change information while the phone numbers are being updated.

As per **claim 5**, the internal phone number change (update command) database may be updated from an external source (Col 4 lines 44-58). The source inherently comprises a database (hence, an external database) for the purpose of storing the phone number change table in order to transmit it to various devices requiring the update information.

As per **claim 6**, during the step of receiving the change information, the change information (X1) is retrieved by the processor from the phone number change table (update command) (Fig. 4, Col 4 line 59 to Col 5 line 15).

As per **claim 7**, the phone number change table (update command) may be received from an external sms service that inherently comprises a database (hence, an external database) for the purpose of storing the phone number change table in order to transmit it to various devices requiring the update information.

As per **claim 8**, once the phone number change table (update command) is downloaded from the external database, the internal device database is updated with the new phone number change table (update command).

As per **claim 9**, 'X1', comprising the change criterion (exchange prefix) and change prefix (area code) is read by a processor and a list of affected phone numbers is generated using the change criterion and further narrowed with the change prefix (Col 4 line 59 to Col 5 line 15).

As per **claim 10**, 'X1', comprising the change criterion (exchange prefix) and change prefix (area code) is read by a processor and a list of affected phone numbers is generated using the change prefix and further narrowed with the change criterion (Col 4 line 59 to Col 5 line 15).

As per **claims 11,12**, in Fig. 4 steps 425 and 430, the input string X1 could be thought of as the 'change criterion' portion of the change information, and the '1' in the 'X2' input string example of step 430 could be thought of as the 'change prefix portion'. As such, any entries that did not have the change prefix '1' as part of the number (an incomplete phone number that matches the change criterion 'X1') would be identified and have the 1 (change prefix) added to the telephone number.

As per **claim 13**, as per Fig 4, if the phonebook has an affected number (as identified by X1), then a portion of each affected number is modified using the modification information X2 (Col 4 line 44 to Col 5 line15).

As per **claims 14/15**, the electronic device may comprise a mobile phone or any device with a phonebook directory, wireless device, or mobile station (such as a PDA) (Abstract, Col 2 lines 45-53, Col 3 lines 1-5, Col 5 lines 15-25).

As per **claim 17**, the change information may be received from a user (Fig. 3, Col 3 lines 20-45). As such the device inherently comprises an input device coupled to the processor for the purpose of allowing the user to enter in information.

As per **claims 18,19**, the processor receives a phone number change information table (comprised of the 'update command in steps 410,420 in Fig. 4) that is executed on a series of all affected phone numbers (4). As such, the phone number change table is inherently stored in a database internal to the device for the purpose of storing the change information while the phone numbers are being updated.

As per **claim 20**, the processor may update the internal phone number change (update command) database from an external source (Col 4 lines 44-58). The source inherently comprises a database (hence, an external database) for the purpose of storing the phone number change table in order to transmit it to various devices requiring the update information.

As per **claim 21**, during the step of receiving the change information, the change information (X1) is retrieved by the processor from the phone number change table (update command) (Fig. 4, Col 4 line 59 to Col 5 line 15).

As per **claim 22**, the phone number change table (update command) may be received from an external sms service that inherently comprises a database (hence, an external database) for the purpose of storing the phone number change table in order to transmit it to various devices requiring the update information. Once the device has received the updated information from the external database, the information will be stored in the memory of the electronic device.

As per **claim 23**, once the phone number change table (update command) is downloaded from the external database, the internal device database is updated with the new phone number change table (update command).

As per **claim 24**, 'X1', comprising the change criterion (exchange prefix) and change prefix (area code) is read by a processor and a list of affected phone numbers is generated using the change criterion and further narrowed with the change prefix (Col 4 line 59 to Col 5 line 15).

As per **claim 25**, 'X1', comprising the change criterion (exchange prefix) and change prefix (area code) is read by a processor and a list of affected phone numbers is generated using the change prefix and further narrowed with the change criterion (Col 4 line 59 to Col 5 line 15).

As per **claims 26,27**, in Fig. 4 steps 425 and 430, the input string X1 could be thought of as the 'change criterion' portion of the change information, and the '1' in the

'X2' input string example of step 430 could be thought of as the 'change prefix portion'. As such, any entries that did not have the change prefix '1' as part of the number (an incomplete phone number that matches the change criterion 'X1') would be identified and have the 1 (change prefix) added to the telephone number via the processor.

As per **claim 28**, as per Fig 4, if the phonebook has an affected number (as identified by X1), then a portion of each affected number is modified using the modification information X2 (Col 4 line 44 to Col 5 line15).

As per **claims 29,30**, the electronic device may comprise a mobile phone or any device with a phonebook directory, wireless device, or mobile station (such as a PDA) (Abstract, Col 2 lines 45-53, Col 3 lines 1-5, Col 5 lines 15-25).

Response to Arguments

3. Applicant's arguments filed 6-23-2004 have been fully considered but they are not persuasive.

As per applicant's argument of the claim 1,2,13-17,28-30 rejections that the Chmaytelli reference does not teach the use of a change prefix and change criterion. Chmaytelli does indeed teach the use of a search prefix and search criterion. The X1 variable in the prior art (Fig. 3) is comprised of a change prefix (619) and change criterion (651), with the X2 variable providing the modification information (1 858).

As per applicant's argument of the claim 3-8,18-23 rejections that the Chmaytelli reference does not teach a change number phone table, in the SMS mode Chmaytelli's

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device will receive the X1 and X2 variables which comprises the change prefix, change criteria, and modification information within a phone number change table.

As per applicant's argument of the claim 3-8,18-23 rejections that the Chmaytelli reference cannot teach a two step search as outlined, the variable X1 and X2 comprise all of the same elements as the applicant's claimed invention (change prefix, change criteria, and modification information) and have the capability to function in the same manner.

Conclusion:

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Jamal whose telephone number is 703-305-3433. The examiner can normally be reached on M-F 8AM-5PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis A Kuntz can be reached on 703-305-4708. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-872-9315 for After Final communications.

AJ
August 20, 2004


CURTIS KUNTZ
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600